

- 1)  $\sin \beta = \frac{8}{17}$
- 2)  $4 \cdot \frac{\pi}{24}$
- 4)  $x = 77 \cot 43.1999^\circ$
- 6)  $x \tan 66^\circ = (1.1 - x) \tan 76^\circ$
- 7)  $90^\circ = 89^\circ 59' 60''$
- 12)  $(\frac{\pi}{2}, 1) + (\frac{\pi}{6}, 5)$
- 13)  $360^\circ = 2\pi \text{ rad}$
- 15)  $y = 7 \sin[2(x - \frac{\pi}{2})]$
- 16)  $\theta = 63^\circ$